Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 21 Dec 2021 until 23:59 on Wednesday 22 Dec 2021

Forecast Issued on Monday 20 Dec 2021 at 11:00

Confidence: High pressure and settled conditions will slip away through Wednesday with confidence for details lowering as low pressure approaches.

Headline for Tuesday 21 Dec 2021: A mostly cloudy day, but clouds higher than of late and some bright spells expected, though chilly.

Mountain weather hazards on Tuesday 21 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	FOG	FOG					
Cloudy	Fog	Fog	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Tuesday 21 Dec 2021

Weather: Cloud will tend to lift further overnight and become a little more broken, but there could be a frost or ground frost in a few places. Then a chilly, dry but still mostly cloudy day. Most of the cloud above the tops with some brighter interludes and perhaps the odd sunny spell in the west, but some low level cloud in the morning.

Chance of cloud free mountain/hill tops above 600m: 60% at first, but 90% or more by the afternoon

Visibility: Generally very good with even distant landmarks easily seen, but some fog on slopes between 300 and 500m in the morning.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 21 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/10 SE	6/8 SE	6/8 SE	7/10 SE	7/10 SE	7/10 SE	9/13 SE	11/16 SE	12/16 S
300	3/5 S	2/5 E	3/5 E	3/7 SE	4/8 SE	4/9 SE	5/11 SE	7/13 SE	8/15 SE
Valley	4/6 E	4/6 E	4/6 E	4/7 E	4/8 SE	4/8 SE	5/10 SE	6/11 SE	5/13 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-4	-1/-4	-1/-4	-2/-5	-1/-5	-1/-5	-2/-6	-1/-6	-1/-6
300	1/-0	1/-1	1/-1	0/-1	1/-1	1/-1	-0/-3	-0/-4	-0/-4
Valley	1/-1	1/-1	1/-1	1/-1	2/1	2/0	-0/-3	-0/-3	-0/-3
Freezing Level*	400m	300m	200m	200m	300m	300m	100m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Chilly, despite light winds. Any sunshine will be very limited and mainly confined to the west with a low sun angle.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 20 Dec 2021	0.2mm	0.6mm	1mm

Forecast for Wednesday 22 Dec 2021

Weather: Dry, bright and chilly start but cloud will gradually thicken from west through the day to bring outbreaks of rain in the afternoon, with snow falling on the tops for a time. Some rather heavy persistent rain is possible in late afternoon with hill fog becoming extensive in the evening.

Maximum wind: Southeast 10mph becoming Southerly 20-25mph by lunchtime and southwest 30 gust 40ph in evening.

Chance of cloud free mountain/hill tops above 600m: 80%, becoming 40% by mid-afternoon, but 10% in the evening

Visibility: Very good, becoming moderate occasionally poor in rain, but poor or very poor in summit snow and with hill fog forming in afternoon as cloud base lowers to 500m, but down to 200 or 300m in the evening.

Temperature: **Valleys:** Minus 3 C at first, rising to plus 3 or 4 C into the afternoon, but plus 9 C in evening
At 600m: Around zero C rising to Plus 4 C in afternoon, then plus 8 C later
Freezing level: At all levels at first, but 500m by the afternoon and well above the tops by the evening

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